

<b>FORM PTO-1449</b> U.S. Department of Commerce Patent and Trademark Office <i>O P E</i> <i>JAN 22 2004</i> <i>PATENT &amp; TRADEMARK OFFICE</i>	Docket No.  <b>AURO1210-1</b>	Serial No.:  <b>09/462,517</b>
	Applicant: Zuker et al.	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	Filing Date:  <b>May 18, 2000</b>	Group Art Unit:  <b>1653</b>

### U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA	6,004,808 <i>Cited 892</i>	12/21/1999	Paul Negulescu et al.			

### FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

<i>cc</i>	AB	Brenman, J.E. et al., "Interaction of nitric oxide synthase with the postsynaptic density protein PSD-95 and alphasyntrophin mediated by PDZ domains", <i>Cell</i> , Vol. 84, 757-767, 1996.
	AC	Cabral, J.H. et al., "Crystal structure of a PDZ domain", <i>Nature</i> , Vol. 382, 649-652, 1996.
	AD	Chevesich, J et al, "Requirement for the PDZ domain protein, INAD, for localization of the TRP store-operated channel to a signaling complex", <i>Neuron</i> , Vol. 18, 95-105, 1997.
	AE	Choi, K.Y. et al., "Ste5 tethers multiple protein kinases in the MAP kinase cascade required for mating in <i>S. cerevisiae</i> ", <i>Cell</i> , Vol. 78, 499-512, 1994.
	AF	Dong, H. et al., "GRIP: a synaptic PDZ domain-containing protein that interacts with AMPA receptors", <i>Nature</i> Vol. 386, 279-284, 1997.
<i>cc</i>	AG	Doyle, D.A. et al, "Crystal structure of a complexed and peptide-free membrane protein-binding domain: molecular basis of peptide recognition by PDZ", <i>Cell</i> , Vol. 85, 1067-1076, 1996.

EXAMINER <i>HC Cary</i>	DATE CONSIDERED <i>6-1-04</i>
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<i>rec</i>	AH	Fanning, A.S. & Anderson, J.M., "Protein-protein interactions: PDZ domain networks", <i>Curr Biol</i> , Vol. 6, 1385-1388, 1996.
<i>rec</i>	AI	Harrison, S.C., "Peptide-surface association: the case of PD and PTB domains", <i>Cell</i> Vol. 86, 341-343 1996.
<i>rec</i>	AI	Huber, A. et al., "The transient receptor potential protein (Trp), a putative store-operated Ca <sup>2+</sup> channel essential for phosphoinositide-mediated photoreception, forms a signaling complex with NorpA, InaC and InaD", <i>Embo J.</i> , Vol. 15, 7036-7045, 1996. <i>Cited 8/92</i>
<i>rec</i>	AK	Kim, E. et al., "GKAP, a novel synaptic protein that interacts with the guanylate kinase-like domain of the PSD95/SAP90 family of channel clustering molecules", <i>J. Cell Biol.</i> , Vol. 136, 669-678, 1997.
	AL	Kim, E. & Sheng, M., "Differential K <sup>+</sup> channel clustering activity of PSD-95 and SAP97, two related membrane-associated putative guanylate kinases", <i>Neuropharmacology</i> , Vol. 35, 993-1000, 1996.
	AM	Larrivee, D.C. et al., "Mutation that selectively affects rhodopsin concentration in the peripheral photoreceptors of <i>Drosophila melanogaster</i> ", <i>Journal of General Physiology</i> , Vol. 78, 521-545, 1981.
	AN	Marcus, S. et al., "Complexes between STE5 and components of the pheromone-responsive mitogen-activated protein kinase module", <i>Proc Natl Acad Sci USA</i> , Vol. 91, 7762-7766, 1994.
	AO	Printen, J.A. & Sprague, G.J., "Protein-protein interactions in the yeast pheromone response pathway: Ste5p interacts with all members of the MAP kinase cascade", <i>Genetics</i> , Vol. 609-619, 1994.
	AP	Saras, J. & Heldin, C.H., "PDZ domains bind carboxy-terminal sequences of target proteins.", <i>Trends Biochem Sci</i> , Vol 21, 445-458, 1996.
	AQ	Sato, T. et al, "FAP-1: a protein tyrosine phosphatase that associates with Fas", <i>Science</i> Vol. 268, 411-415, 1995.
<i>rec</i>	AR	Schlessinger, J., "SH2/SH3 signaling proteins", <i>Curr Opin Genet Dev</i> , Vol. 4, 25-30, 1994.

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<i>cc</i>	AS	Scott, K. et al, "Gaz Protein Function <i>in vivo</i> : Genetic Dissection of Its Role in Photoreceptor Cell Physiology", <i>Neuron</i> , Kim, E. & Sheng, M., "Differential K <sup>+</sup> channel clustering activity of PSD-95 and SAP97, two related membrane-associated putative guanylate kinases", <i>Neuropharmacology</i> , Vol. 15, 919-927, 1995.
<i>cc</i>	AT	Sheng, M., "PDZs and receptor/channel clustering: rounding up the latest suspects.", <i>Neuron</i> , Vol 17, 575-578, 1996.
	AU	Shieh, B.-H. & Niemeyer, B., "A novel protein encoded by the <i>InaD</i> gene regulates recovery of visual transduction in <i>Drosophila</i> ", <i>Neuron</i> , Vol. 14, 201-210, 1995.
<i>cc</i>	AV	Shieh, B.-H. & Zhu, M.Y., "Regulation of the TRP Ca2 <sup>+</sup> channel by INAD in Drosophila photoreceptors", <i>Neuron</i> , Vol. 16, 991-998, 1996.
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	AX	Songyang, Z et al, "Recognition of unique carboxyl-terminal motifs by distinct PDZ domains", <i>Science</i> , Vol. 275, 73-77, 1997.
	AY	Smith, D.P. et al, "Photoreceptor deactivation and retinal degeneration mediated by a photoreceptor-specific protein kinase C", <i>Science</i> , Vol. 254, 1478-1484, 1991.
	AZ	Tsunoda et al., "A multivalent PDZ-domain protein assembles signaling complexes in a G-protein-coupled cascade", <i>Nature</i> , Vol. 388, 243-249, 1997.
	BA	van der Geer, P & Pawson, T., "The PTB domain: a new protein module implicated in signal transduction", <i>Trends Biochem Sci</i> , Vol. 20, 227-280, 1995.
<i>cc</i>	BB	Woods, D.F. & Bryant, P.J., "The discs-large tumor suppressor gene of <i>Drosophila</i> encodes a guanylate kinase homolog localized at septate junctions.", <i>Cell</i> , Vol. 66, 451-464, 1991.

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